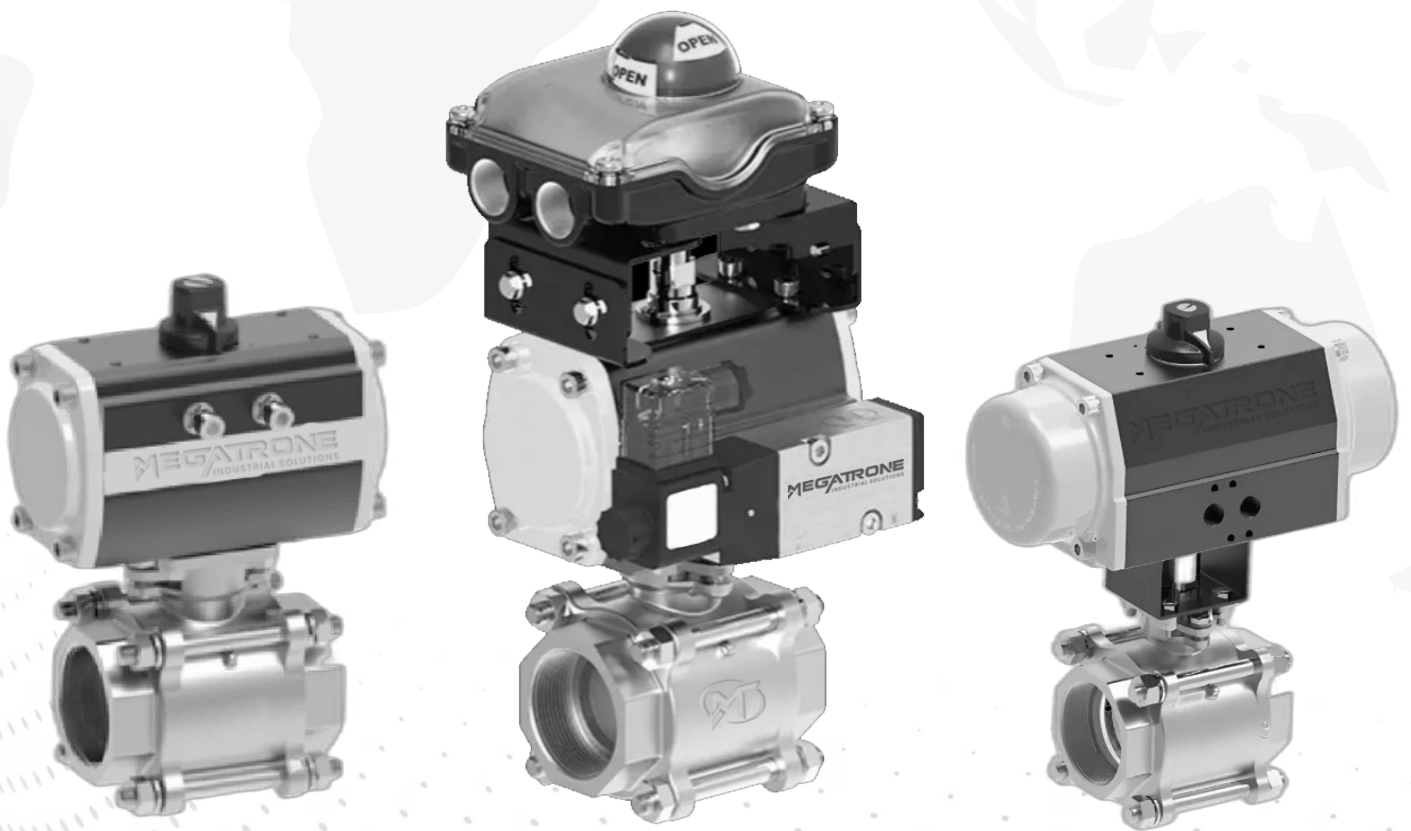




MEGATRONE
INDUSTRIAL SOLUTIONS

Screwed / Socket Weld Ball Valve

Megatrone MBV Series



Screwed / Socket Weld Ball Valve – MBV Series

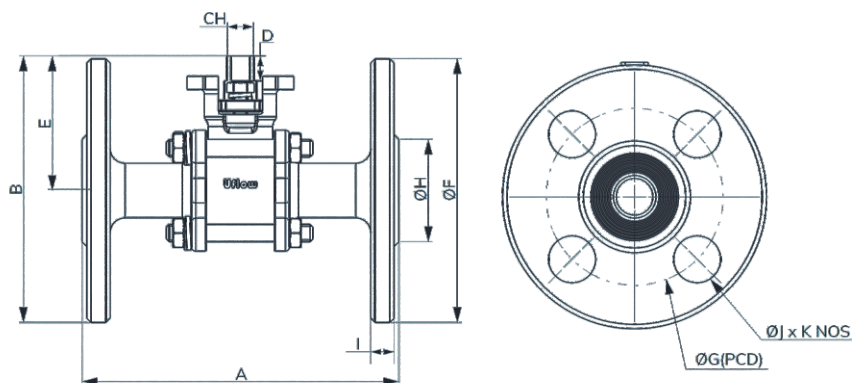
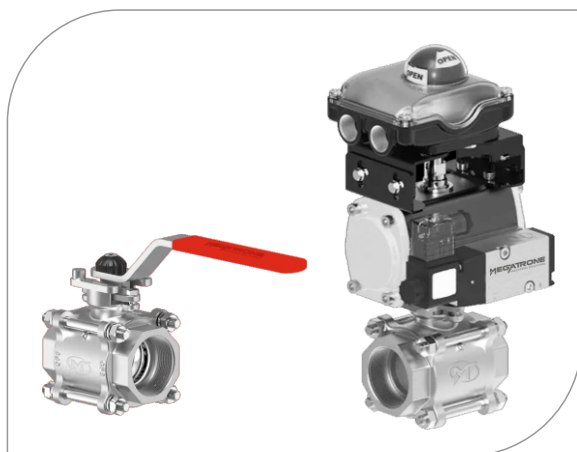


Diagram No. 33.1

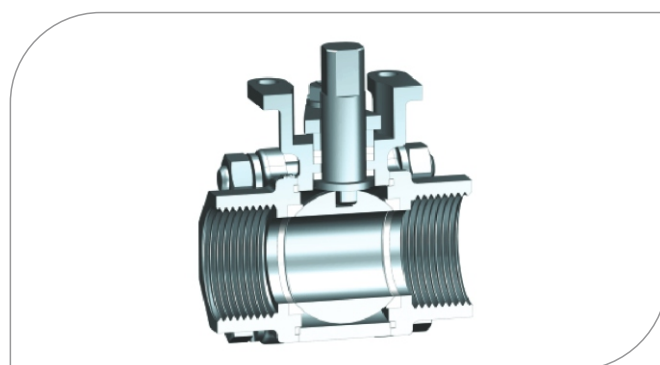
Specifications

Size :	DN15 - DN100
End Connection :	Screwed end (BSP / NPT), Socket Weld
Face to Face :	MFG. Standard
Design Standard :	ASME B16.11, ASME B16.34, API 598, BS EN ISO 17292, ISO 5211
Pressure Class :	150#, 300#
Body Material :	CF8 / CF8M / WCB / CF3M
Pipe End Material :	CF8 / CF8M / WCB / CF3M
Ball Material :	CF8 / CF8M
Body Seal Material :	PTFE / RPTFE / CFT / GFT / PEEK
Seat Ring Material :	PTFE / RPTFE / CFT / GFT / PEEK
Fastener Material :	SS304 / SS316
Stem Seal Material :	PTFE / RPTFE / CFT / GFT / PEEK
Stem Material :	SS304 / SS316 / SS410
Gland Bush Material :	SS304 / SS316 / SS410
Gland Material :	SS304 / SS316 / SS410

Features :

- ✓ 3PC design twinseal ball valve.
- ✓ Full port ball valve.
- ✓ Blow out proof stem.
- ✓ Floating ball design.
- ✓ Hand Lever / Gear / Actuator Operated.
- ✓ Face to Face:- MFG standard.
- ✓ End Connection:- Screwed / Socket weld (ASME B16.11).
- ✓ Balls are precision machined & mirror finished for bubble-tight shut off with less operating torque.
- ✓ ISO 5211 top mounting pad available for easy Uflow make actuator mounting.

Section View :

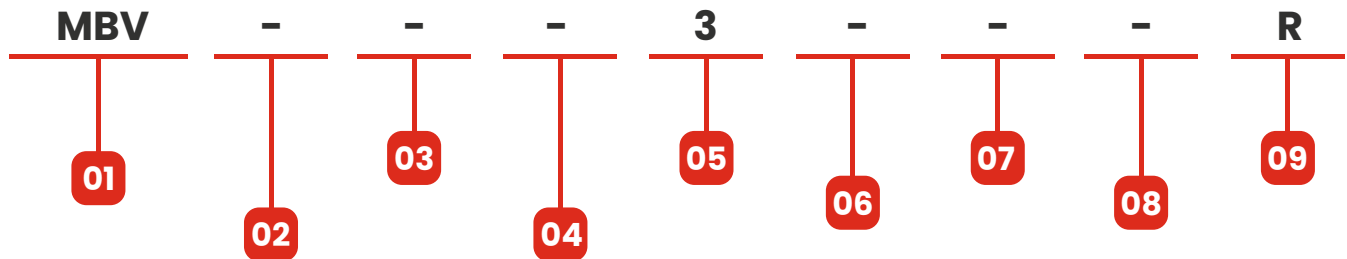


Technical Data (All dimensions are in mm)

All dimensions are approx.

Model No.	Diagram No.	Pipe (Inch)	A	B	CH	D	C	ISO 5211
MBV-2R	32.1	½"	59.50	66	9.1	8.5	46	F03
MBV-3R	32.1	¾"	57	71	9.1	9	50	F03
MBV-4R	32.1	1"	75.70	90	11	13.5	61.5	F05
MBV-5R	32.1	1¼"	85	102.7	11	13	70	F05
MBV-6R	32.1	1½"	93.60	110	11	13	73.5	F05
MBV-8R	32.1	2"	109	139.6	14	15.5	94	F05
MBV-9R	32.1	2½"	139	173	14	15	108.5	F07
MBV-AR	32.1	3"	166	195	17	16.5	119.5	F07
MBV-BR	32.1	4"	193	236	22	23	144	F07

MBV -SERIES 3 PC BALL VALVE FULL BORE MODEL CHART



01	SERIES
	MBV

02	PRODUCT TYPE
-	3PC Ball Valve Full Bore

03	BODY MATERIAL
-	CF8
M	CF8M
V	CF3M
F	CF3
W	WCB
J	WCB-MR0103
H	WCB-MR0175

04	SEAL MATERIAL
-	PTFE
R	RPTFE
T	CFT
L	GFT
K	PEEK
P	PCTFE

05	PORT SIZE
2	1/2"
3	3/4"
4	1"
5	1-1/4"
6	1-1/2"
7	3/8"
8	2"
9	2-1/2"
A	3"
B	4"

06	STEM/BALL MATERIAL
-	CF8/SS 304
M	CF8M/SS 316
V	CF3M/SS 316L
F	CF3/SS 304L

07	PRESSURE CLASS
-	150#
B	300#
1	PN40

08	PORT CONNECTION
-	BSP
N	NPT
P	BSPT
D	FLANGE END
T	TRI CLAMP
S	SOCKET
W	BUTTWELD
A	FLAT FACE FLANGE END

09	OPERATION
-	ACTUATOR OPERATED
R	BARE STEM
E	ELECTRIC ACTUATOR OPERATED
G	GEAR
U	MANUAL OPERATED
L	MANUAL WITH LIMIT SWITCH
4	MANUAL OPERATED SS304

10	APPROVALS
-	NO APPROVALS

MBV-3R

3/4" 3PC BALL VALVE FULL BORE CF8-PTF
 CF8/SS304-150# BSPP - THREAD END - BARE STEM

Note : The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.



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